

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A ~~recording~~ computer readable medium having a data structure for managing reproduction of data recorded on the ~~recording~~ computer readable medium, comprising:

a ~~data recording~~ first area storing at least first and second clip stream files, ~~and a playlist~~; the first clip stream file including video data representing at least one still image; the second clip stream file including at least audio data; and

a second area storing a playlist, the playlist including at least one playitem and at least one sub-playitem, the playitem indicating at least a portion of the first clip stream file to reproduce, the sub-playitem indicating at least a portion of the second clip stream file to reproduce;

the second area storing at least one clip information file, the clip information file being associated with at least the first clip stream file, the clip information file providing a map for the first clip stream file, the map mapping duration information, presentation time information, or both to address information for each still image in the first clip stream file.

2. (Currently Amended) The ~~recording~~ computer readable medium of claim 1, wherein the playitem and the sub-playitem provide for reproducing at least one still image and audio data, respectively, such that the still image and the audio data are played in synchronization with one another.

3. (Currently Amended) The ~~recording~~ computer readable medium of claim 2, wherein the playitem indicates a start point and an end point for reproducing the video data in the first clip stream file and the sub-playitem indicates a start point and an end point for reproducing the audio data in the second clip stream file.
4. (Currently Amended) The ~~recording~~ computer readable medium of claim 1, wherein the playitem indicates a start point and an end point for reproducing the video data in the first clip stream file and the sub-playitem indicates a start point and an end point for reproducing the audio data in the second clip stream file.
5. (Currently Amended) The ~~recording~~ computer readable medium of claim 1, wherein the first clip stream file includes video data representing more than one still image; and the playitem indicates to reproduce a number of the still images.
6. (Currently Amended) A method of recording a data structure for managing reproduction of data recorded on a recording medium, comprising:
recording at least first and second clip stream files ~~and a playlist~~ on the recording medium, the first clip stream file including video data representing at least one still image, the second clip stream file including at least audio data;
~~recording a the playlist on the recording medium, the playlist including at least one playitem and at least one sub-playitem, the playitem indicating at least a portion of the first clip stream file to reproduce, the sub-playitem indicating at least a portion of the second clip stream file to reproduce; and~~

recording at least one clip information file on the recording medium, the clip information file being associated with at least the first clip stream file, the clip information file providing a map for the first clip stream file, the map mapping duration information, presentation time information, or both to address information for each still image in the first clip stream file.

7. (Currently Amendment) A method of reproducing a data structure for managing reproduction of data recorded on a recording medium, comprising:

reproducing at least first and second clip stream files ~~and a playlist~~ from the recording medium, the first clip stream file including video data representing at least one still image, the second clip stream file including at least audio data; and

reproducing ~~a the~~ playlist from the recording medium, the playlist including at least one playitem and at least one sub-playitem, the playitem indicating at least a portion of the first clip stream file to reproduce, the sub-playitem indicating at least a portion of the second clip stream file to reproduce; and

reproducing at least one clip information file from the recording medium, the clip information file being associated with at least the first clip stream file, the clip information file providing a map for the first clip stream file, the map mapping duration information, presentation time information, or both to address information for each still image in the first clip stream file.

8. (Currently Amended) An apparatus for recording a data structure for managing reproduction of data recorded on a recording medium, comprising:

~~a driver for driving~~ an optical recording device configured to record data on the recording medium;

a controller ~~for~~ configured to controlling the driver optical recording device to record at least first and second clip stream files, ~~and a playlist~~ and at least one clip information file on the recording medium, the first clip stream file including video data representing at least one still image, the second clip stream file including at least audio data, the playlist including at least one playitem and at least one sub-playitem, the playitem indicating at least a portion of the first clip stream file to reproduce, the sub-playitem indicating at least a portion of the second clip stream file to reproduce, the clip information file being associated with at least the first clip stream file, the clip information file providing a map for the first clip stream file, the map mapping duration information, presentation time information, or both to address information for each still image in the first clip stream file.

9. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of data recorded on a recording medium, comprising:

~~a driver for driving~~ an optical reproducing device configured to reproduce data recorded on the recording medium;

a controller ~~for~~ configured to controlling the driver optical reproducing device to reproduce at least first and second clip stream files, ~~and a playlist, and at least one clip information file~~ from the recording medium, the first clip stream file including video data representing at least one still image, the second clip stream file including at least audio data, the playlist including at least one playitem and at least one sub-playitem, the playitem indicating at least a portion of the first clip stream file to reproduce, the sub-playitem indicating at least a portion of the second clip stream file to reproduce, the clip information file being associated with at least the first clip stream file, the clip information file providing a map for the first clip stream file, the map mapping duration information, presentation time information, or both to address information for each still image in the first clip stream file.

10. (New) The method of recording a data structure in claim 6, wherein the playitem and the sub-playitem provide for reproducing at least one still image and audio data, respectively, such that the still image and the audio data are played in synchronization with one another.

11. (New) The method of recording a data structure of claim 10, wherein the playitem indicates a start point and an end point for reproducing the video data in the first clip stream file and the sub-playitem indicates a start point and an end point for reproducing the audio data in the second clip stream file.

12. (New) The method of recording a data structure of claim 6, wherein the playitem indicates a start point and an end point for reproducing the video data in the first clip stream file and the sub-playitem indicates a start point and an end point for reproducing the audio data in the second clip stream file.

13. (New) The method of recording a data structure of claim 6, wherein the first clip stream file includes video data representing more than one still image; and the playitem indicates to reproduce a number of the still images.

14. (New) The method of recording a data structure in claim 7, wherein the playitem and the sub-playitem provide for reproducing at least one still image and audio data, respectively, such that the still image and the audio data are played in synchronization with one another.

15. (New) The method of recording a data structure of claim 14, wherein the playitem indicates a start point and an end point for reproducing the video data in the first clip stream file and the sub-playitem indicates a start point and an end point for reproducing the audio data in the second clip stream file.

16. (New) The method of recording a data structure of claim 7, wherein the playitem indicates a start point and an end point for reproducing the video data in the first clip stream file and the sub-playitem indicates a start point and an end point for reproducing the audio data in the second clip stream file.

17. (New) The method of recording a data structure of claim 7, wherein the first clip stream file includes video data representing more than one still image; and the playitem indicates to reproduce a number of the still images.

18. (New) The apparatus for recording a data structure in claim 8, wherein the playitem and the sub-playitem provide for reproducing at least one still image and audio data, respectively, such that the still image and the audio data are played in synchronization with one another.

19. (New) The method of recording a data structure of claim 18, wherein the playitem indicates a start point and an end point for reproducing the video data in the first clip stream file and the sub-playitem indicates a start point and an end point for reproducing the audio data in the second clip stream file.

20. (New) The method of recording a data structure of claim 8, wherein the playitem indicates a start point and an end point for reproducing the video data in the first clip stream file and the sub-playitem indicates a start point and an end point for reproducing the audio data in the second clip stream file.

21. (New) The method of recording a data structure of claim 8, wherein the first clip stream file includes video data representing more than one still image; and the playitem indicates to reproduce a number of the still images.

22. (New) The method of recording a data structure in claim 9, wherein the playitem and the sub-playitem provide for reproducing at least one still image and audio data, respectively, such that the still image and the audio data are played in synchronization with one another.

23. (New) The method of recording a data structure of claim 22, wherein the playitem indicates a start point and an end point for reproducing the video data in the first clip stream file and the sub-playitem indicates a start point and an end point for reproducing the audio data in the second clip stream file.

24. (New) The method of recording a data structure of claim 9, wherein the playitem indicates a start point and an end point for reproducing the video data in the first clip stream file and the sub-playitem indicates a start point and an end point for reproducing the audio data in the second clip stream file.

25. (New) The method of recording a data structure of claim 9, wherein
the first clip stream file includes video data representing more than one still image;
and
the playitem indicates to reproduce a number of the still images.